

SHEET 1/6

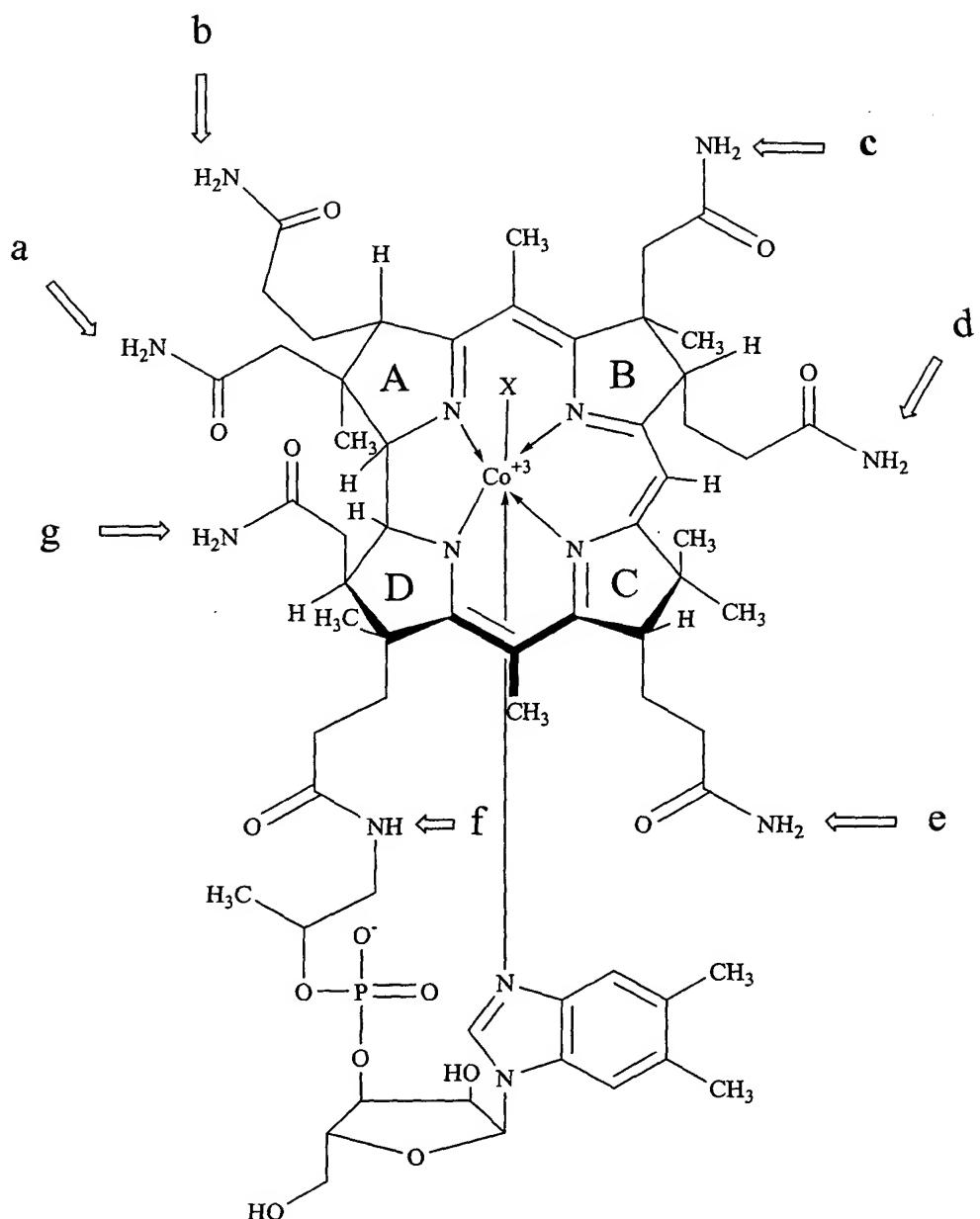


FIGURE 1

### Proposed Synthesis of CNCbl poly-L-lysine-DTPA

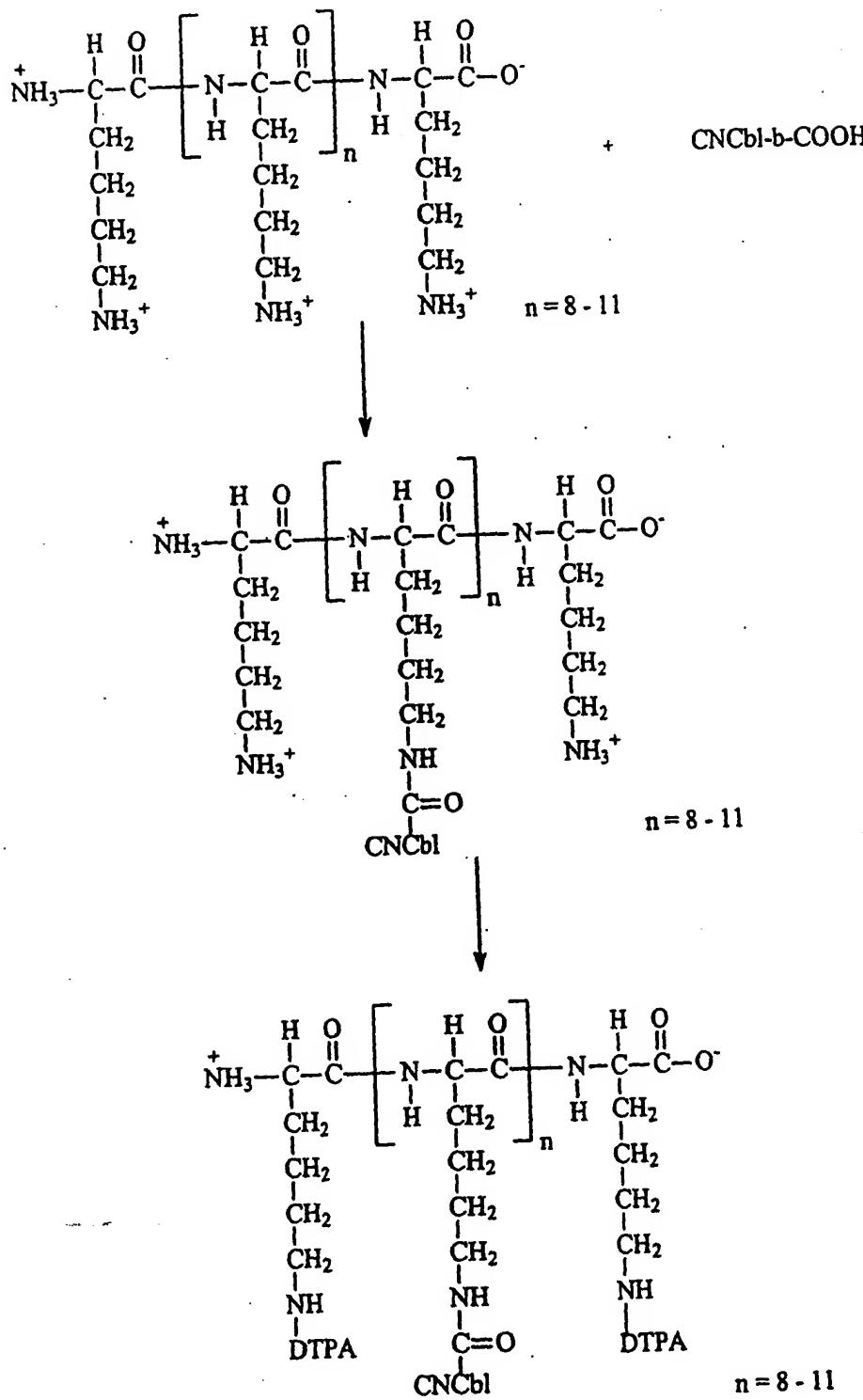


FIG. 2

Synthesis of adenosyltrifluoroethylamidocobalamins

CnCbl COOH (b, d, and e)

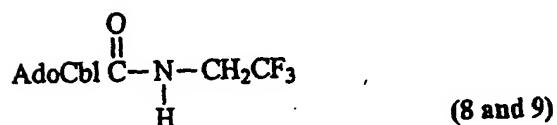
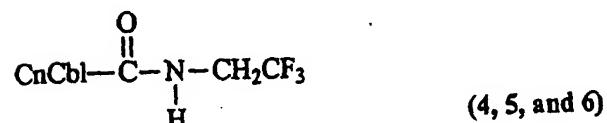
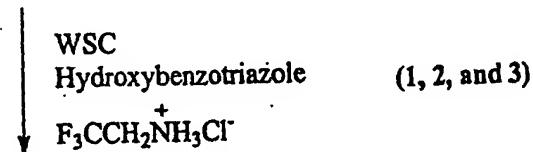


FIG. 3

4 0 0 2 7 5 5 3 - 1 0 2 5 0 1

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Synthesis of adenosyltrifluoroethylamidocobalamins

CNCbl di COOH

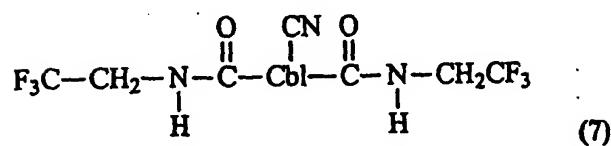
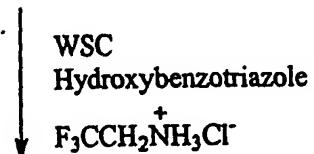


FIG. 4

Synthesis of cyano- $\beta$ -trifluoroacetamidobutyramidocobalamin

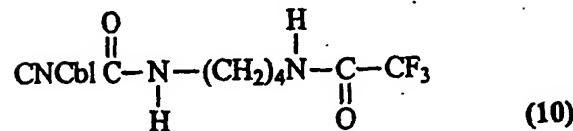
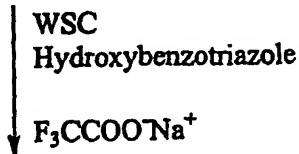
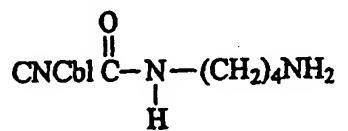


FIG. 5

Synthesis of cyanotrifluoroacetyl polylysine cobalamin

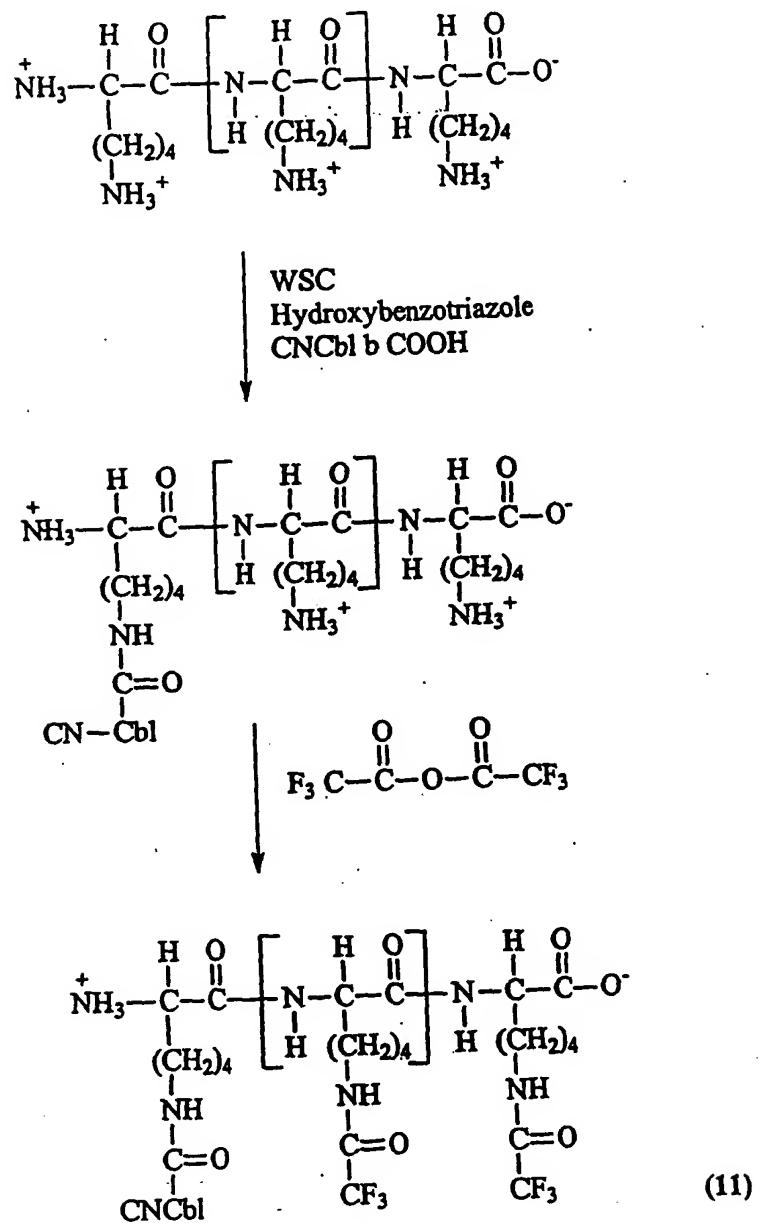


FIG. 6

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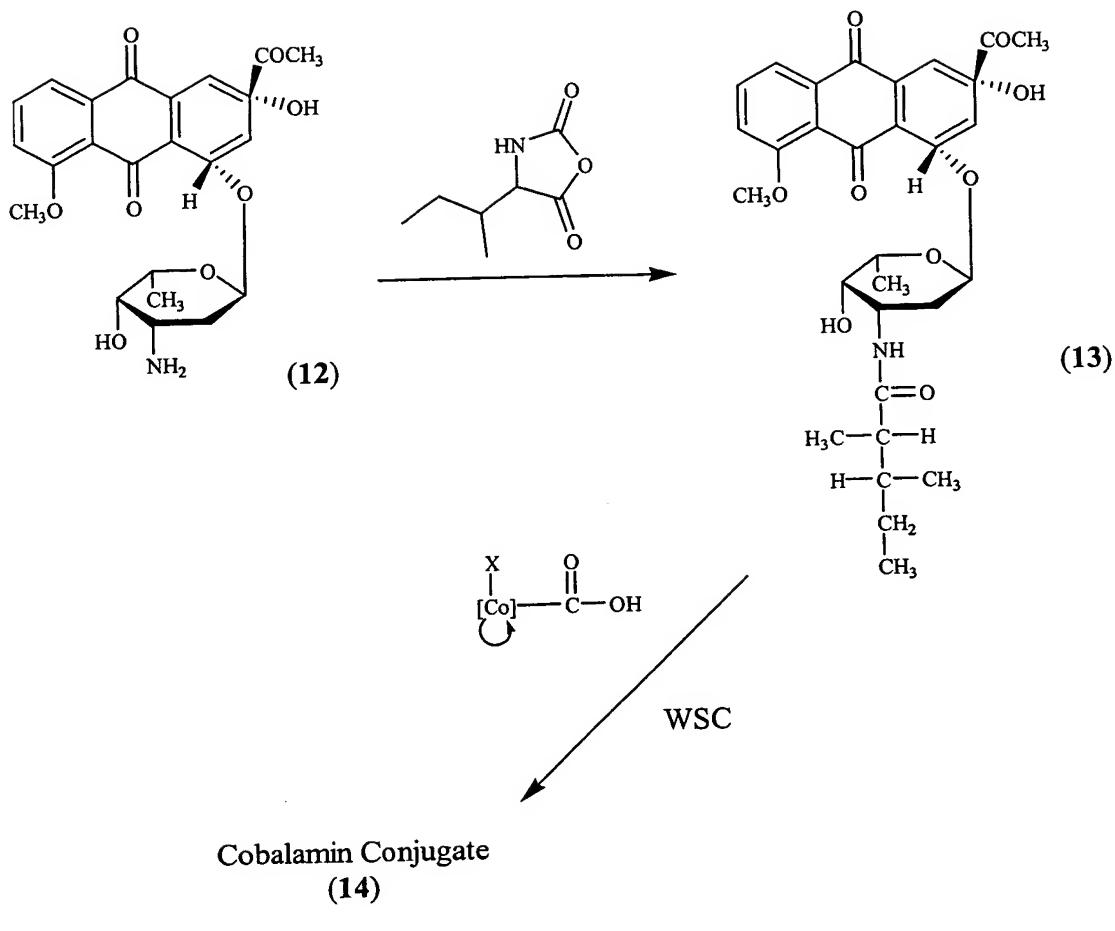


FIGURE 7